FOF	RM P	TO-1449 U.S. DEPARTMEN PATENT AND TR	T OF COMMER ADEMARK OFF	ICE	ATTY: DOCKET NO. GENSET.020APC		CATION NO. 13,075		
	INFO	DRMATION DISCLOSURE STATE BY APPLICANT	MENT		APPLICANT Cohen, et al.				
OIP	Ë	E SEVERAL SHEETS IF NECESS	ARY)		FILING DATE January 14, 2000	GROU	1655		
					-		7600		
MAY 2 4	200	g g			U.S. PATENT DOCUMENTS				
E MARIE	AAS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING	G DATE COPRIAT
	T	5,589,136	12/31/96	Nort	hrup, et al.				
					» -				
	L								
		*							
					REIGN PATENT DOCUMENTS				
EXAMINER	Ι		T T			v			
INITIAL		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS		LATION
B24	-	0 785 280 A2 /	07123/97	EPO				YES	. NO
D 0 4	-	WO 91'13075 A		CT					
	-	WO 95/12607	05/11/95 F	PCT					
	-	WO 98/20165		-cr					
	L	WO 99/04038	01/28/99 F	ст					
311		WO 99/32644		ст					-
	_			_					
XAMINER INITIAL		ОТН	IER DOCUMEN	ITS	(INCLUDING AUTHOR, TITLE, DATE, PERT	INENT PAGES,	ETC)		
8 × 4	-	Benham, F., et al., "A Method for 1989	Generating Hyb	rids	Containing Nonselected Fragments of Human	Chromosomes	GENOMICS,	Vol. 4, pp. 50	09-517,
1	0,7		tic Information v	with I	High-Density DNA Arrays", SCIENCE, Vol. 27	74, pp. 610-614,	October 25, 199		
	'a,	Cherif, D., et al., ""Simultaneous L Human Chromosome 11", PROC.	ocalization of C	osm SCI.	ids and Chromosome R-banding by Fluoresc Vol. 87, pp. 6639-6643, September 1990,	ence Microscop	Application to	Regional Ma	apping o
1	17				man Genome", NATURE, Vol. 377, pp. 175-2	87, September 2	8, 1995		
B x 1	4	Cox, D., et al., "Radiation Hybrid I SCIENCE, Vol. 250, pp. 245-250,	Aapping: A som October 12 10	atic	Cell Genetic Method for Constructing High-Re	esolution Maps o	f Mammalian C	hromosomes	s*,
		, , , , , , , , , , , , , , , , , , ,							
XAMINER	8	. J. Sisson			DATE CONSIDERED //	2/01			

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 808; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

SHEET 1 OF 8

FOF	FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY, DOCKET NO. GENSET.020APC		APPLICATION NO. 09/463,075				
		DISCLOSURE STATE Y APPLICANT	MENT	APPLICANT Cohen, et al.						
OIPE	OSE SEVERA	L SHEETS IF NECESS	ARY)	FILING DATE January 14, 2000	FILING DATE GROUP					
MAY 2 4 2	000 2			U.S. PATENT DOCUMENTS						
€ ZONALDEN	MEET BOO	UMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING	G DATE (OPRIATE)		
INITIAL		*					(IF APPR	OPRIATE)		
						!				
					-					
				777						
	-		FO	REIGN PATENT DOCUMENTS						
EXAMINER	DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
INITIAL	 						YES	NO		
	-			y						
				W		11		-		
<u> </u>										
EXAMINER INITIAL		ОТН	IER DOCUMENTS	(INCLUDING AUTHOR, TITLE, DATE, PERT	INENT PAGES, I	ETC.)				
Bxf	Cox, et al.	, *Assessing Mapping F	rogress in the Huma	an Genome Project", SCIENCE, Vol. 265, pp.	2031-2032, 1994					
				f Molecular Haplotype Frequencies in a Diplo						
	Vol. 71, N	0. 4, 1997		ng Single-Nucleotide Polymorphisms with Hig						
1	Foster, J.,	Foster, J., et al., "A High-Resolution Whole Genome Radiation Hybrid Map of Human Chromosome 17q22-q25.3 Across the Genes for GH and TK", GENOMICS, Vol. 33, no. 185,192, 1998.								

SHEET 2 OF 8

EXAMINER B. X. Linon	DATE CONSIDERED 1/2/01
*FYAMMER	0.000

Frazier, K., et al., "A Radiation Hybrid Map of the Region on Human Chromosome 22 Containing the Neurofibromatosis Type 2 Locus", GENOMICS, Vol. 14, pp. 574-584, 1992

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

		. (2					SHEET 3 OF	
			INT OF COMMERCE TRADEMARK OFFICE	ATTY: DOCKET NO. GENSET:020APC	APPLIC 09/463	ATION NO. 3,075			
	1111 01	BY APPLICANT	IEMENT	APPLICANT Cohen, et al.				_	
OIP	USE	SEVERAL SHEETS IF NECES	SSARY)	FILING DATE	GROUP				
8		<u>a</u>		January 14, 2000	1634-	1655			
MAY 2 4	2000	2 2		U.S. PATENT DOCUMENTS					
XAMINER	AEX	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		DATE OPRIATE)	
		•							
	\perp								
	\vdash								
	+-		+						
	\vdash								
	+		-						
	\forall								
				REIGN PATENT DOCUMENTS					
EXAMINER	П	DOCUMENT NUMBER	DATE		10,100	SUBCLASS			
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	NO NO	
	\Box	*					123	140	
	\Box								
	Ш								
ļ	11								
	\vdash								
	Ш								
EXAMINER INITIAL		0	THER DOCUMENTS	(INCLUDING AUTHOR, TITLE, DATE,	PERTINENT PAGES, E	ETC.)			
874	1	Hudson, T., et al., "An STS-Bas	ed Map of the Human	Genome", SCIENCE, Vol. 270, pp. 194	45-1954, December 22,	1995			
	1	Kim, et al., "Construction and C	haracterization of a Hu	ıman Bacterial Artificial Chromosome L	ibrary*, GENOMICS, Vo	ol; 34, pp. 213-	218, 1996		
	-			arkers in Linkage Studies", NATURE G					
L /		Ledbetter, S., et al., "Rapid Isola Reaction, GENOMICS, Vol. 6, p	petter, S., et al., "Rapid Isolation of DNA Probes within Specific Chromosome Regions by Interspersed Repetitive Sequence Polymerase Chain ction, GENCMICS, Vol. 6, pp. 475-481, 1990						

EXAMINER B. L. Susson	DATE CONSIDERED 1/2/01
*EXAMINER: INITIAL IE CITATION CONSIDERED, WHETHER OR NOT CITATION I	S IN CONFORMANCE WITH MOSE 809: DRAW LINE THROUGH CITATION IS NOT

Noether, Gottfried E., "Introduction to Statistics - The Nonparametric Way", Springer-Verlag

*EXAMMER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

	PATENT AND TI	RADEMARK OFFICE	GENSET.020APC	09/46	3,075				
	INFORMATION DISCLOSURE STAT	EMENT							
	DI AFFEIVANI		APPLICANT Cohen, et al						
6	(USE SEVERAL SHEETS IF NECES	SARY)	FILING DATE January 14, 2000	GROUF 1634	GROUP 1634 1655				
7			1 -						
MAY	2 4 2000 1		U.S. PATENT DOCUMENTS						
	DEMARKS CUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING (IF APPR	DATE OPRIATE		
			The Contract of the Contract o						
		-							
				_					
				-	-	*******			
				_		****			
				_					
		FO	REIGN PATENT DOCUMENTS						
XAMINER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
INITIAL						YES	NO		
				_					
KAMINER INITIAL	on	THER DOCUMENTS	(INCLUDING AUTHOR, TITLE, DATE, PERTINE	ENT PAGES,	ETC.)				
388	Obermayr, F., "A High-Resolution 245, 1996	n Radiation Hybrid M	ap of the Region Surrounding the Gorlin Syndron	ne Gene*, EU	R. J. HUM, GE	NET. Vol. 4.	pp. 242-		
1	Raeymaekers, P , et al , "A Rad	iation Hybrid Map with	60 Loci Covering the Entire Short Arm of Chron	nosome 12", (GENOMICS, Vo	l. 29, pp. 17	0-178, 199		
	pp. 187-192, 1999		Screening and Genotyping with High-Density Oli						
	Schork, N., et al., "Linkage Dise p. A293, 1997	quilibrium Mapping fo	r Quantitative Traits within Case/Control Settings	", AM. J. HUN	MAN GENETIC	6. Vol. 61, N	o 4 Suppl		
BIS	Schuler, G.D., et al., "A Gene M	Schuler, G.D., et al., "A Gene Map of the Human Genome, SCIENCE, Vol. 274, pp. 540-546, October 25, 1996							

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 808; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

DATE CONSIDERED

1/2/01

EXAMINER B.X. Sisson

	INFORMATION DISCLOSURE STATEMENT									
		BY APPLICANT		APPLICANT Cohen, et al.						
OTT	USE SEVE	ERAL SHEETS IF NECESS	ARY)	FILING DA		GROUP 1634	GROUP 1834- /655			
	<u> </u>									
MAY 2	4 2008			U.S. PATENT	S. PATENT DOCUMENTS					
MAY 2	MARKE	OCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		DATE OPRIATE)	
	-	*								
	-				, and a second second					
	-									
					77.00					
			FOI	REIGN PATE	NT DOCUMENTS					
EXAMINER		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	LATION	
INITIAL		TOOMEST! NOMBER	0,1112		COSMIN	OLAGO	BOOCLAGO	YES	NO	
		*								
	-									
	-									
EXAMINER INITIAL		нто	IER DOCUMENTS	(INCLUDING	AUTHOR, TITLE, DATE, PERI	FINENT PAGES,	ETC)			
BXL	Syvar 52:46	nen, A., et al., "Identification o	of Individuals by Ana	alysis of Bialle	lic DNA Markers, Using PCR a	and Solid-Phase N	finisequencing	, AM. J. HU	W. GENET.	
		, D., et al., "Toward a Third of	Generation Genetic	Map of the Hu	ıman Genome Based on Bi-Alle	elic Polymorphism	s", AM. J. HUN	AAN GENET	, Vol. 59, p.	
	Wang pp. 10	, D., et al., "Large-Scale Idea 777-1082, May 15, 1998	ntification, Mapping	and Genotypin	ng of Single-Nucleotide Polymo	orphisms in the Hu	man Genome"	, SCIENCE,	Vol. 280,	
					ig Arm of Chromosome 5", GEI					
BX1	Xiong	, Li Jin, "Biallelic Markers in	Genetics Studies of	Human Disea	ises: Their Power, Accuracy, a	nd Density in Pop	ulation-based L	inkage Anal	yses,	
EXAMINER	B.X.	Lisson			DATE CONSIDERED //	2/01				

'EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. PATENT AND TRADEMARK OFFICE GENSET.020APC

FORM PTO-1449

SHEET 5 OF 8

APPLICATION NO. 09/463,075

FOR	M PTO-1449	U.S. DEPARTMEN PATENT AND TR	T OF COMMERCE ADEMARK OFFICE	ATTY. DOG GENSET		APPLIC. 09/463	ATION NO. 3,075		
		DISCLOSURE STATE	MENT						
		Y APPLICANT		APPLICANT Cohen, et al.					
10	6 PER ERAL SHEETS IF NECESSARY)			FILING DA' January 1		GROUP 1634	1655		
	E								
HAY	V + 2008		ı	J.S. PATENT	DOCUMENTS				
EXAMPLE INITIAL	DEMARKS	UMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		DATE OPRIATE)
		•							
					75 5775				
			FOF	REIGN PATE	NT DOCUMENTS				
EXAMINER	DOCUMENT NUMBER D	DATE		COUNTRY	CLASS	SUBCLASS	TRANS	LATION	
INITIAL								YES	NO
			1						
EXAMINER INITIAL		ОТІ	HER DOCUMENTS (INCLUDING	AUTHOR, TITLE, DATE, PERTI	NENT PAGES, I	ETC.)		
BYL	Chumakov	, I., et al., *Continuum	of Overlapping Clone	es Spanning th	ne Entire Human Chromosome 2	ag", NATURE, V	/ol. 359, pp. 38	0-387	
008					enome*, NATURE, Vol. 368, pp.				
	Dib, C., et	al., "A Comprehensive	Genetic Map of the I	Huma Genom	e Based on 5,264 Microsatellites	s", NATURE, Vol	. 380, pp. 152-	154, March	14, 1996
	Doggett, N	.A., et al., "An Integrate	ed Physical Map of H	luman Chrom	osome 16", NATURE, Vol. 377,	pp. 335-365, Sej	otember 28, 19	95	
-1-		abase Accession No. H							
821	Gemmill, R	.M., "A Second-Gener	ation YAC Contig Ma	p of Human C	hromosome 3", NATURE, Vol. :	377, pp. 299-319	, September 2	8, 1995	
	-								
EXAMINER 4	B.Y. Li				DATE CONSIDERED //2	/			
	11.1.21	NIM			// 2	101			

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

SHEET 6 OF 8

•		OIPE	À			
	. ()	. (6)	•		SHEET 7 OF
INFORMATION DISCLOSURE STATEMENT (BADEMS)		ATH DOCKET NO. APPLICATION NO. G0/403,076				
BY APPLICANT			APPLICANT Cohen, et al.			
(USE SEVERAL SHEETS IF NECESSARY)			FILING DATE January 14, 2000	GROUP	1655	
	. 2008	30	U.S. PATENT DOCUMENTS			
		<i>6</i> 7	G.S. PATERT BOCOMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	^					
				_		
				-		
				-		
		FC	REIGN PATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION

FOREIGN PATENT DOCUMENTS								
EXAMINER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS SUBCLASS		TRANSLATION	
INITIAL						YES	NQ	
	*							

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
BXf	Hacia, J.G., et al., "Detection of Heterozygous Mulations in BRCA1 Using High Density Oligonucleotide Arrays and Two-Colour Fluroescence Analysis", NATURE, Vol. 14, pp. 441-447, December 14, 1986
	Hawley, M.E., et al., "HAPLO. A Program Using the EM Algorithm to Estimate the Frequencies of Multi-Site Haplotypes, J. OR HEREDITY, 86(5): 409-411 (1995)
	Kozal, M.J., et al., "Extensive Polymorphisms Observed in HIV-1 Clade B Prolease Gene Using High-Density Oligonucleotide Arrays", NATURE, Vol. 2, pp. 753-759, July 1996
	Larin, Z., et al., "Fluorescence in Situ Hybridisation of Multiple Probes on a Single Microscope Slide", NUCLEIC ACIDS RESEARCH, Vol. 22, No. 18, pp. 3889-3892, 1994
871	Risch, N., et al., "The Future of Genetic Studies of Comptex Human Diseases", SCIENCE, Vol. 273, pp. 1516-1517, September 13, 1996

EXAMINER	710.	DATE CONSIDERED	1-1
	5. L. Susan	DITTE GOTTE DETTE D	1/2/01

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

	90	. (2					SHEET 8 O	
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY: DOCKET NO. GENSET.020APC		APPLICATION NO. 09/463,075				
		DISCLOSURE STATI	EMENT						
				APPLICANT Cohen, et al.					
(USE SEVERAL SHEETS IF NECESSABLY OF F				FILING DATE January 14, 2000	GROUP 21694	BROUP 1884 / 655 -			
			MAY 2 L 2000						
PAT	WYX S F S		4	S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER			NAME	CLASS	CLASS SUBCLASS		FILING DATE (IF APPROPRIATE)	
		Landania de La							
	-		-						
			FO	REIGN PATENT DOCUMENTS					
EXAMINER INITIAL	DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	CLASS SUBCLASS		TRANSLATION	
							YES	NO	
	-	-	 						
								-	
			LL						
XAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
316	Shoemake Vol. 14, pp	Shoemaker, D.D., et al., "Quantitative Phenotypic Analysis of Yeast Deletion Mutants Using a Highly Parallel Molecular Bar-Coding Strategy", NATURE, Vol. 14, pp. 450-456, December 14, 1996							
T		Wang D., et al., "Abstracts of papers presented at the 1997 meeting on Genome Mapping & Sequencing". Cold Spring Harbor Laboratory, pg. 17. May 14-							
78	Woo, Sung-Sick, et al., "Construction and Characterization of a Bacterial Artificial Chromosome Library of Sorghum Bicolor", NUCLEIC ACIDS RESEARCH, Vol. 22, No. 22, pp. 4922-4931, 1994								
OCS_SD\ 2600	FILES\DOCS	DOH\DOH-4340.D0	OC .						
XAMINER -	B. J. S.			DATE CONSIDERED ,	12/01				